About this Manual

Keep these instructions with your PC at all times. The proper set up, use and care can help extend the life of your PC. In the event that you transfer ownership of this PC, please provide these instructions to the new owner.

This manual is divided into sections to help you locate the information you require quickly. Along with the Table of Contents at the beginning of this manual, an Index has been provided to help you find topical information.

If you want to start up your PC immediately, please read the chapters **Operational Safety** (page 3) and **Setting up and Getting Started** (page 8).

We strongly recommend you read this entire manual to ensure the proper set-up and operation of your PC.

Many application programs incorporate extensive help functions. As a general rule, you can access help functions by pressing F1 on the keyboard. These help functions will be available to you while you are using the Microsoft® Windows® operating system or the respective application program.

Windows Vista™ offers you additional aids to learn about the new version of Windows and your PC. You can find this information in the **Welcome Center** after booting up your PC. We have listed further useful sources of information starting on page 39.

Audience

These instructions are intended for both the novice and advanced user. Regardless of the possible professional utilization, this PC is designed for day-to-day household use. The functions and applications for use with this PC have been designed with the entire family in mind.

Purchase Details

Enter your PC and purchase details below for quick reference.

Serial Numbers	.....
(i.e. Microsoft®)	.....
Place and date of Purchase	.....

You will find the PC's serial number on the back of the PC.

Quality

MEDION has selected the components in this PC for their high level of functionality, ease of use, safety and reliability.

Through balanced hardware and software design we are able to provide you with an innovative personal PC useful for applications relating to both work and leisure.

We are pleased to welcome you as our newest customer. **Thank you for choosing our products.**

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Information in this document is subject to change without notice.

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Chapter 1

Safety

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Warnings

Before getting started, please read the following important safety information concerning your PC carefully.

- Do not allow children to play unattended with electrical equipment.
- Keep packaging material, such as plastic bags, away from children. The danger of suffocation could arise in case of misuse.
- Do not open the PC cover or use the PC with the cover removed. When the cover is open there is a danger to life from electric shock.
- Optical drives are Laser Class 1 devices. These lasers must remain in their sealed PC cover. Do not remove the drive covers as exposure to the lasers may prove harmful.
- Do not insert objects through the slots and openings of the PC. This may lead to electric shock, short-circuit or fire that could cause personal injury or damage to your PC.
- Do not cover the slots and openings in the PC cover. These openings are for ventilation purposes. Covering these vents may lead to overheating. Please keep a minimum distance of 3.3 feet on all sides when setting up the PC.
- Connect the PC only to a grounded, easily accessible AC outlet.
- This PC is not designed for use within industrial environments.

Switch off your PC immediately and contact customer service if…

- Power cord or the attached plug is worn or damaged. Have the defective power cord replaced with an original cable. Never try to repair a defective cable.
- The PC cover is damaged or liquids have penetrated. Do not operate the PC until you first check with customer service. It is possible that the PC cannot be operated safely and could cause danger to life by electric shock!

Data Security

We recommend that you make backup copies on an external storage medium every time you update your data. The supplier does not assume liability for data loss or damage to data storage units, and no claims can be accepted for damages resulting from the loss of data or for consequential damages.

Chapter 2

Setting Up & Getting Started

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Included with your PC

Please check that the contents listed below are included in your package and notify us within 14 days of purchase if this is not the case. You MUST provide your PC's serial number when contacting a customer service representative.

Your PC bundle should include the following components:

- PC
- Power Cord
- Keyboard & Mouse
- OEM version of Operating System
- Application/Support CD
- Quick Start Guide
- Owner's Manual

Setting Up

Remember that choosing the proper location for your PC is just as important as connecting it correctly.

Set-up Location

- Keep your PC and all devices connected to it away from moisture, dust, heat and direct sunlight. Failure to observe these instructions can lead to malfunctions or damage to the PC.
- To prevent damage to your PC from a fall, place and operate the PC and all connected devices on a stable, balanced and vibration-free surface.

Ambient Temperature

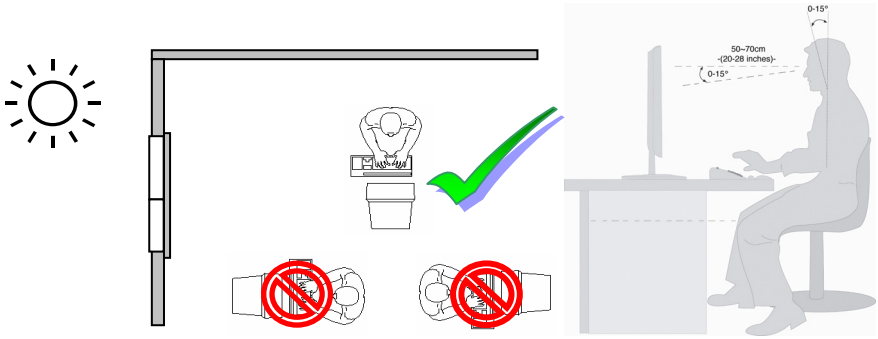
- The PC can be operated at an ambient temperature between +41° and +95°F and at a relative humidity of between 30% and 70% (without condensation).
- When powered off, the PC can be stored at temperatures between –40° and +158°F.
- Unplug the cable during thunderstorms and make sure to remove the antenna cables, if present. We recommend the use of a surge protector for additional safety, in order to protect your PC from being damaged.
- Wait until the PC has reached ambient (room) temperature before connecting it to the AC outlet. Extreme variations in temperature and humidity can create condensation within the PC and might cause it to short-circuit.

Working Ergonomics

Note

Ensure that the monitor is set up in such a way that **reflections**, **glare** and **light/darkness contrast** are minimized. The top line of the screen should be at eye level or slightly below.

Change your position frequently and take regular breaks to prevent fatigue. Sitting in one position for long periods can be uncomfortable. To minimize the potential for physical discomfort or injury, it's important that you maintain proper posture, as follows:



Back:
While sitting at your work surface, make sure your back is supported by the chair's backrest in erect position or angled slightly backwards.

Legs:
Your thighs should be horizontal or angled slightly downward. Your lower legs should be near a right angle to your thighs. Your feet should rest flat on the floor. If necessary, use a footrest, but double check that you have your seat height adjusted correctly before getting a footrest.

Arms:
Your arms should be relaxed and loose, elbows close to your sides, with forearms and hands approximately parallel to the floor.

Wrists:
Your wrists should be as straight as possible while using the keyboard, mouse or trackball. They should not be bent sideways, or more than 10 degrees up or down.

Head:
Your head should be upright or tilted slightly forward. Avoid working with your head or neck twisted.

Connecting Devices

Before you begin using your PC, you must first connect the keyboard, mouse, monitor, and power cord. Other components can be connected later. The devices listed are NOT NECESSARILY INCLUDED with your PC. Please refer to the drawing on the inside front cover of this manual to determine the existence and location of ports on your particular PC.

Cabling

Please follow the instructions below in order to correctly connect your PC:

- Arrange cables in such a way that no one can walk on or trip over them.
- Do not place objects on cables.
- To avoid damage to your PC, connect your peripherals (for example, keyboard, mouse, and monitor) while your PC is powered off. Some devices can be connected while your PC is in use. Refer to the documentation that came with each device.

Keep the PC at least three feet away from high frequency and magnetic interference sources (for example, TV sets, speakers, mobile phones, etc.) in order to avoid malfunctions and/or loss of data.

- Please note that only shielded cables shorter than 9.84 feet should be used for the external interfaces.
- Only use the cables provided for connecting your peripheral devices.
- The connection of devices is limited to equipment that complies with EN60950 (“Safety of Information Technology Equipment”) or EN60065 (“Audio, Video and Similar Electronic Apparatus”) safety requirements.
- In the first hours of operation, new devices may emit a typical, unavoidable but completely harmless smell, which will decline increasingly over the course of time.
  We recommend ventilating the room regularly in order to counteract the formation of odor.

Note

You will only need to connect the peripherals to your PC that you require. If you do not have the described device (for example, printer) you may skip the respective section and perform it later, if necessary.

Connecting the Monitor

Diagram reference: **J, K**

Your PC is equipped with a **VGA** and a **HDMI** connector.

Note

Always connect only one data cable in order to avoid problems with the signal allocation, if your monitor has several inputs (for example, VGA and HDMI).

Note

Ensure that the connector and the port fit exactly to avoid damaging the contacts. Because of its asymmetric form, the plug only fits into the port in one position.

1. Connect the data cable of the monitor to the port on the graphics card (reference **J, K**). If necessary, remove the white guard ring on the monitor plug and ensure that the plug and port join together precisely.
2. Hand-tighten the screws on the monitor cable.

Caution!

Your PC monitor is preconfigured for a screen resolution of **1024 x 768** pixels and an optimal refresh rate of **60 hz**. If your monitor does not support these settings, it may become damaged or malfunction during use. You can change the screen resolution and configuration of your monitor as follows (also refer to your monitor's user manual).

You will change the screen resolution in the **Control Panel** under **Personalize appearance and sounds**.

The Program can be started in the following way:

- Right mouse click on the Windows interface (Desktop) and left mouse click on **Personalization**.

or

- Through **Start** ⇨ **Control Panel** ⇨ **Personalize appearance and sounds,** double click using the left mouse button.

Connecting a PS/2 Devices

Diagram reference: **L**

Note

Only connect PS/2 devices **if the PC is turned off**, in order to avoid damaging the PC or the devices.

1. Connect the mouse cable to the green PS/2 port.
2. Connect the keyboard cable to the blue PS/2 port.

Front Connectors

Diagram reference: **C**

Some connections are located behind the front sliding door. This offers you the great advantage of accessing frequently used connections quickly and conveniently, without turning around the PC. The sliding door also protects the connections.

Connecting a Headphone

Diagram reference: **T**

Here you can connect your **headphone**.

1. Connect your **headphone** by plugging the cable with the **3.5 mm stereo** plug into the green port (reference **T**).

Caution!

The use of headphones with a high volume can lead to hearing damage and/or loss. Set the volume to the lowest level before producing any sound. Then you can increase the volume to the level that is most comfortable for you.

Connecting Speakers

Diagram reference: **Q**

Here you can connect your speakers (may not be included) to the green speaker port on the back of the PC (reference **Q**).

Setting up Surround Sound

Diagram reference: **G, Q**

Connect your surround equipment as follows:

1. Connect the front speakers to the green port (**front out,** reference **Q**) .
2. Connect the rear speakers to the port **back surround**.
3. Connect the center speaker and/or subwoofer to the port **center/subwoofer**.
4. Connect the side surround speaker to the port **side surround**.

Connecting a Sound Source/Audio Input

Diagram reference: **R**

This port is used to accommodate a connecting cable for external **analog** audio sources (for example, stereo system, keyboard/synthesizer).

1. Connect the cable with the **3.5 mm stereo** plug to the light-blue colored port (reference **R**).

Connecting a Microphone

Diagram reference: **H**

1. You can use the pink port **H** to connect a microphone with a **3.5 mm** mono plug.
2. Position the microphone in such a way that it does not point directly at the speakers. If you hear feedback, characterized by loud whistling noises, reposition the microphone until the sound stops.

Connecting a Printer or Scanner

Diagram reference: **N**

Note

Ensure that the connector and the port fit exactly to avoid damaging the contacts. Because of its asymmetric form, the plug only fits into the port in one position.

Use a double screened, parallel connection cable (25-pin) to connect a printer:

1. Connect the printer cable to the red printer port **N** on the back of your PC.
2. Hand-tighten the screws of the printer cable.

If you wish to use a **scanner**, follow the instructions above. With the PC parallel port in use, the printer can be connected directly to the scanner. You will have use of both devices if they are connected in this manner.

USB/IEEE 1394

Warning!

Connect your USB-/IEEE 1394 devices **after initial set-up** of your new PC. This will prevent unnecessary confusion during installation. These devices can generally be connected during operation. Read the manual for your specific peripheral device before getting started.

The voltage outputs of your PC for IEEE 1394 as well as for USB are protected by a fuse (limited power source according to EN60950). This ensures that a malfunction of the PC will not damage the peripheral devices connected to the respective jacks.

Connecting USB Devices

Diagram reference: **I**

You have a choice of several connection ports. It does not matter which you use.

1. If you wish to use a **printer**, **scanner** or other device with a USB port, connect the cable to the USB port on your PC.

Note

Always connect your devices to the same port, otherwise your operating system will give a new ID and ask for driver installation.

Connecting IEEE 1394 (Fire Wire) Devices

Diagram reference: **O**

Note

Peripheral devices can have different connecting cables (6 line or 4 line). Please check which kind of cable you require for your peripheral device.

Important

The connectors on the front side are not configured for parallel use.

LAN Connection

Diagram reference: **P**

Your PC is equipped with a network connection, in order to prepare it for network operation.

The network cable usually has two **RJ45** plugs so it is not important which plug is connected to which port.

1. Connect one side of the cable to the PC port.
2. Connect the second side to the other PC or hub/switch.

For further information refer to chapter "**Network**" starting at page 35.

Connecting the Wireless LAN Aerial

Diagram reference: **F**

The components (mini-PC Module) will already be integrated and activated in your PC if your PC is equipped with this functionality. You will only have to screw on the aerial optionally supplied to the wireless LAN aerial input. Please read the safety note and the conditions from page 35 under all circumstances.

Modem Connection

Diagram reference: **E**

Connect the modem cable as follows, if your PC is equipped with an analog modem card:

1. The **RJ11** cable is plugged into the modem of your PC.
2. The **TAE** cable fits an N-coded, analog telephone port.

Attention!

Please observe that the modem may only be connected to an **analog** telephone line. The connection of a digital system (ISDN, etc.) to an analog telephone line can possibly cause damage to the modem or the connected devices and the telecommunication network.

Connecting the Power Supply

After connecting the keyboard, mouse, monitor and any other peripheral devices, plug the PC and monitor into an AC outlet. Use only the supplied power cord. Observe the following safety precautions:

- The AC outlet must be in the vicinity of the PC and within easy reach of the power cables. DO NOT stretch the power cables to reach an AC outlet.
- In order to disconnect your PC from the power source, remove the power cord from the AC outlet.
- To provide additional protection against electric shock, power surges, lightning strikes, or other electrical damage to your PC, we recommend the use of a surge protector.
- If you are using an extension cord, ensure that the cord meets your local safety requirements. If in doubt, ask an electrician. Never use frayed or worn extension cords.
- The power supply unit has an on/off switch on the back of the PC. Setting the switch to "I" turns the power on and setting the switch to "O" turns the power off.

Caution

Even with the on/off switch set to "O", some components of the PC remain under voltage. To completely disconnect the PC from all voltage, the power cord must be disconnected from the AC outlet.

Do not start your PC yet!

First, read the following section to find out what you need to know in order to get started.

Getting Started

The software on this PC comes **fully pre-installed**. You do not have to load any of the CD's/DVD's supplied. With many programs (for example, telephone-CD's or encyclopedias), however, it is necessary to insert the corresponding CD/DVD in order to call up the data which is stored on it. The software will ask you to do this as necessary. Once you have made all the connections and secured the necessary connectors you can turn on the monitor, the other peripherals and finally the PC itself.

Starting up the PC

1. Turn on the monitor and any peripheral devices you have connected.
2. Set the on/off switch on the back of the PC to "**I**" if it is not already set (diagram reference: **M**)
3. Briefly press the on/off switch on the front of the PC. (diagram reference: **D**)
   You can program the function of the main switch in the power management of Windows® (please refer to on-line help). The PC will always be switched off, if the main switch is pressed for more than 4 seconds.

Warning!

If the operating system is not shut down properly (through ⇨ **Shut Down**), there is a risk of data loss.

The PC and Windows® operating system starts and now goes through a number of phases:

Note

Ensure that there is no bootable CD (for example, the Recovery-CD) in the CD-ROM drive. Such discs will prevent the operating system from loading directly from the hard drive.

The **operating system** is loaded from the hard disk. During the initial set-up, the loading process takes slightly longer than normal to register the operating system and the individual components completely. Your operating system is finished loading when a welcome screen is shown on your display.

Follow the instructions on the screen. Dialogue boxes will explain any steps that need to be taken.

Should you have any questions just click on .

License agreement

Please read through the license agreement carefully. It contains important legal information on the use of your software. In order to see the full text, use the mouse and scroll wheel to move the page down until you have reached the end of the document. You can accept the agreement by clicking the **I accept the agreement** option field. Only by doing so will you be entitled to use the product under lawful terms and conditions.

After the login procedure the Windows® desktop appears on screen.

This can be adjusted so that the screen of your PC looks different. The basic operation, however, is ensured.

Short Description of the Windows® Desktop

1. Start Button

Clicking the Start button brings up a menu where you can access help, software programs, files, and settings.

2. All Programs

All of the software programs installed on your PC are ordinarily listed here. Click **All Programs** to reveal an extensive menu.

3. Program Bar

The most commonly used software programs are listed here.

4. Turn Off PC

Click this button to shut down Windows and then PC.

5. Task Bar

Here you receive information and status reports about Windows® Vista™ and which programs are running.

6. Desktop Icons

Desktop icons link to their respective programs. To start a program, double-click its desktop icon.

7. Logged in User

This tells you which user is logged in to your PC.

8. Control Panel

You can use the icons in Control Panel to change the appearance and functionality of Windows® Vista™. These icons represent options for configuring your PC.

9. Windows® Vista™ Help

Here you can find information on using your PC, networking, backup, and many other tasks.

Chapter 3

Operation

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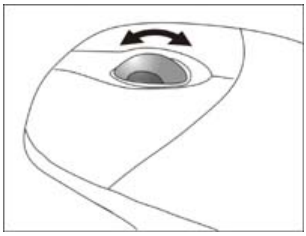
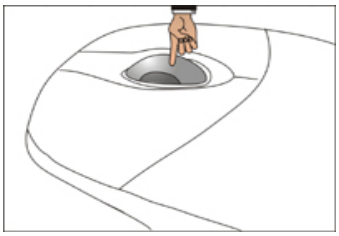
Mouse

Connection possibility: **L** (via PS/2)

The mouse comes equipped with a scroll wheel located in between the left and right mouse buttons. This button can be used to scroll through documents or internet pages.





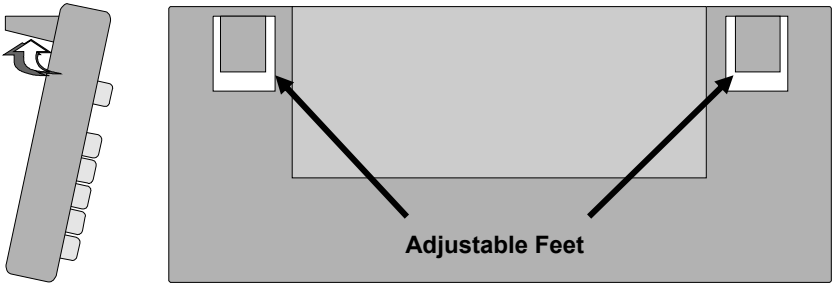
Use the mouse on flat, even surface. If the mouse should move quickly on screen, try using a different surface, such as a mouse pad. Please note glass and metal surfaces are not ideal surfaces.

Keyboard

Connection possibility: **L** (via PS/2)

This section contains useful information on using the keyboard. All diagrams are **schematic**.

On the base of the keyboard are two folding feet that let you adjust the angle of the keyboard. Pull them forward to adjust the angle of the inclination.



Alt and Ctrl Keys

The left **Alt** key performs certain functions in conjunction with other keys. The application program determines these functions. In order to enter a combination of keys that include the **Alt** key, hold the **Alt** key down while pressing the other key. The right **Alt** key operates in a similar way but selects certain special characters. The **Ctrl** key, like the **Alt** key, carries out program functions.

Useful key combinations (software-dependent):

Key Combination	**Function and Description**
Alt + F4	Closes an active window
Alt + Print screen	Copies the image of the window currently active to the clipboard.
Shift + 2	Generates the @ character required for e-mails (pronounced: at).
Ctrl + Alt + Del	Windows security is launched

(Country-specific variances are possible.)

Hard Drive

The hard drive is the main storage medium combining large storage capacity and rapid data access.

The hard drive contains the operating system of the PC, other application programs and backup files. These programs and files are pre-installed on your PC, so you may note that some of the space on your hard drive is already taken.

The Windows operating system cannot use the full capacity of the hard drive, which means that there will be a difference between the capacity that the BIOS displays and what the operating system displays. The operating system of the PC, further application programs and backup files are located on the hard drive and reduce its total capacity.

The hard drive is addressed as drive C and D.

Note

Never turn off the PC while the busy indicator is lit since this may result in loss of data.

Usually your hard disc drive is divided into more partitions, but there can also be some minor variations.

In your first partition (**Boot**), you will find your **operating system**, **application programs** and the **users' documents and settings**.

The second partition (**Backup**), serves for data security and contains additional drivers and tools.

The backup files are also found here (**D:\Recover**). They allow you to reset your PC to its original factory-set configuration. (Refer to page 70.)

Important Directories

The most important directories pre-installed on your PC are shown below. These directories may vary from what is shown her.

Caution!

Do not delete or modify these directories or their contents since data could be lost or the functionality of the system could be at risk.

C: This is the main hard disc drive partition for your PC. It is where your program files, settings, and documents are stored, as well as files necessary for running Windows Vista™.

C:\Programs

As the name suggests, in this directory programs install the files belonging to the application.

C:\Windows

The main directory of Windows Vista™.
This is where the files of the operating system are saved.

D:\Driver

This folder includes the drivers required by your PC (pre-installed).

D:\Tools

Here you find additional programs and other documentation for your PC.

D:\Recover

Here the backup files are located enabling you to recover the factory setting (see page 48).

Connecting an External Hard Drive

Your PC has a hard disc bay, which will enable you to connect the external **MEDION HDDrive 2go ultra speed** hard drive simply and without complications (not included).

As in the case of a USB memory pen, connection takes place with a restarted operating system. The hard drive will be recognized as a replacement storage medium and will be allocated a drive letter automatically.

Note

Please take note of the fact that **only** the **MEDION Hard Drive** specified above can be connected to the hard disc bay which is not included with your PC.

Important!

Plugs are provided with **dust protection caps** to protect connections. They must be removed before use. We recommend replacing the caps if the connections are not being used.

Optical Drive

Diagram reference: **A**

Loading a Disc:

Attention!

Do not place protective foils or other stickers on your CD's. To avoid damage to your drive, do not use deformed or damaged CD's. Do not use scratched or dirty discs, discs with pieces broken off or discs of poor quality. Because of the high speeds in the drive the discs might break and damage your data as well as your drive. Examine the discs before you enter them. If damage or dirt is visible, you should not use them.
Damage caused by faulty media is excluded from warranty and any repair will be charged.

1. Push the eject button (Diagram reference, **B**) on the right of the optical drive to open the tray.
2. Place the disc on the tray so that it lays flat with the label facing upward.
3. Push the eject button again to close the tray.

Note

Many CD's start automatically when they are inserted. This depends on the operating system and the corresponding settings.

Playing Back and Retrieving Data from Discs

Your PC is able to playback and retrieve audio CDs, DVD movies and data discs.

After loading the disc, your operating system will open a selection window with different options for playback.

If your operating system doesn't open the selection window you can access via the **Explorer** or **PC**.

How to Remove a Disc

1. Push the eject button (Diagram reference, **B**) at the front of the CD-ROM drive to open the drawer.
2. Remove the disc and store it in the CD cover in a safe place.

Note

Do not try to remove the CD from the drive while the PC is accessing the disc.

Optical Drive as Boot Drive

The optical drives can be used for booting the operating system. If the PC does not boot, it is possible that **autostart** is turned off in the BIOS or the CD is not bootable.

Regional Playback Information for DVD

The playback of DVD movies includes the decoding of MPEG2 videos, digital AC3 audio data and the deciphering of CSS protected contents.

CSS (sometimes called copy guard) is the name of a data protection program incorporated by the movie industry as an action against illegal copies.

Among the numerous regulations for CSS licensees the most important ones are the country specific playback restrictions.

In order to facilitate the geographically restricted release of movies, DVD titles are released for certain regions.
Copyright laws require the restriction of each DVD movie to a certain region (usually the region, in which it is sold).

DVD movie versions can be published in several regions but the CSS regulations require that each CSS decipherable system may only be used in one region.

Attention!

The decoding software included with your PC may be changed for regional DVD decoding **up to five times**, after which the drive will only play DVD movies for the region setting last entered. Changing the region code after that will require factory resetting which is **not** covered by warranty. If resetting is desired, shipping and resetting costs will be billed to the user.

Subjects Concerning the CD/DVD-Rewriter

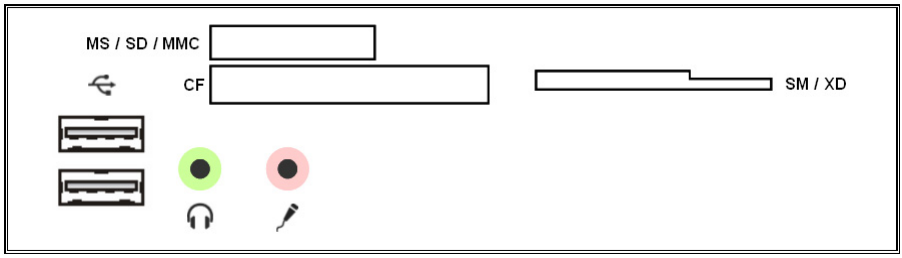
Normal discs are pressed from a digital, glass master and then sealed. In the case of blank disc, the information is burned onto the disc with the laser of the CD/DVD-Rewriter. Therefore these discs are more sensitive than normal CDs.

Please avoid the following when using recordable/rewriteable discs - especially blanks - that have never before been used:

- radiation by direct sunlight (UVA/UVB)
- scratches and damage to the disc surface
- extreme temperatures

Card Reader

Diagram reference: **S**



(similar diagram)

If your PC has a card reader, you can use several types of memory cards (also called flash cards) to read and write data. When you insert a card, the LED next to the slot is lit. The LED light will blink while data is being transferred. DO NOT remove a card while the corresponding LED is blinking.

Here are the types of memory cards you can use.

Slot	Card type	Contacts
MS	Memory Stick Memory Stick Pro	point to bottom
SD MC	SD (Secure Digital) MMC (MultiMediaCard)	
CF	CF (Compact Flash) IBM® Microdrive	point to front
SM/XD	SmartMedia / XD	point to bottom point to top

If a card is inserted, a free drive will be assigned* by Windows®.

* Only if this concerns a removable disc.

Graphics Port

Diagram reference: **J, K**

Performance Characteristics

- High Performance Acceleration
- Interactive Direct3D Acceleration
- Video Acceleration for DirectDraw/DirectVideo, MPEG-1, MPEG-2, DVD and Indeo® Video Technology
- ACPI Power Management

Current Image Playback Frequencies

The graphic card can, depending on the set resolution, display vertical image playback frequencies of between 60 Hz and 240 Hz.

Resolution	Colors	Resolution	Colors
640 x 480	8-, 16-, 32bit	1600 x 900	8-, 16-, 32bit
800 x 600	8-, 16-, 32bit	1600 x 1200	8-, 16-, 32bit
1024 x 768	8-, 16-, 32bit	1920 x 1080	8-, 16-, 32bit
1152 x 864	8-, 16-, 32bit	1920 x 1200	8-, 16-, 32bit
1280 x 960	8-, 16-, 32bit	1920 x 1440	8-, 16-, 32bit
1280 x 1024	8-, 16-, 32bit	2048 x 1536	8-, 16-, 32bit

You can change the graphics setting using the **Personalization** help program in the **Control Panel**. The graphics driver will ensure that it will not be possible to set any resolution unsuitable for the graphics system at the same time. Recommended vertical scanning rates for tubed devices (CRT) are 75 -85 Hz and 60-75 Hz for LCD monitors. Read the Operating Instructions of your monitor as well.

Sound Card

Diagram reference: **G, Q, T**

Your PC has an integrated audio sound chip which guarantees optimal support for all popular programs and games.

Note

The speaker outputs **G** and **Q** are designed for active speaker systems. Passive speakers cannot be used or if they are the quality will be significantly reduced.

By using the external connections you have the possibility to connect your PC with a 7.1 surround system.

If you wish to alter the base volume, click on the speaker symbol in the task bar.

Click on **Mixer**, in order to open the volume control.

Note

Connect your headphone only to the headphone port in the front of the PC (position **T**).

Caution!

The use of headphones with a high volume can lead to hearing damage and/or loss. Set the volume to the lowest level before producing any sound. Then you can increase the volume to the level that is most comfortable for you.

IEEE 1394 (Fire Wire)

Diagram reference: **O**

The IEEE 1394 connector, also known as iLink® or Fire Wire, is a serial bus standard used for rapid digital data exchange.

Application Options for IEEE1394

- Connection of digital devices, such as speakers, digital video and camcorder, DVD, TV, etc.
- Multimedia applications and video processing.
- Input and output devices such as printers, scanners, etc.

Technical Specifications

- Depending on the application, the maximum data transfer is about 100, 200 or 400 Mbit/s, corresponding to a data throughput of up to 50 MB per second.
- The device can be plugged in or unplugged during operation (hot plugging).
- The standardized cord includes 6 lines. Two lines are live (8V up to 40V, 1.5 A max.) and can be used as an external power supply. Four signal lines transfer data or control information. Some devices do not require a power supply via the cord so that four line cords are used.
- The voltage output of the 6 line IEEE 1394 port is protected by a fuse (limited power source according to EN60950).

USB Port

Diagram reference: **L**

Note

Devices connected directly to the USB port should not draw more than 500 mA.
The voltage output is protected by a fuse (Limited Power Source according to EN 60950).
Should the devices need additional power, a hub (distributor/booster) will be required.

On the USB it is possible to connect up to 127 devices which correspond to the USB standard (1.1 and 2.0 supported).

The data transfer speed is 1.5 Mbit/s or 12 Mbit/s, depending on the device connected. USB 2.0 can reach up to 480 Mbit/s.

Note

If possible, connect your USB devices always to the same port were it has been installed. Otherwise you will get a new ID and your operating system asks for a new installation of the driver.

Network

Diagram reference: **P**

Your PC is provided with a Fast Ethernet-Network connector.

You will find further information about networking in the **Help** section within the **Start** menu.

What is a Network?

A network means connecting your PC to another or several other PCs. Users can transfer information and data between PCs and share resources such as printers, modems and hard disc drives.

Here are some practical examples:

- exchange e-mail and manage appointments in an office.
- share a printer in a network and save data on a central server.
- Share one modem or one ISDN card among PCs for Internet access.
- Two or more PCs can be connected to play network games or share data.

Wireless LAN

Diagram reference: **F**

Your PC is equipped with WLAN. The components (mini-PC Module) will already be integrated and activated in your PC if your PC is equipped with this functionality. You will only have to screw on the aerial optionally supplied to the wireless LAN aerial input. You can turn off the wireless LAN function with the help of the Windows® Device Manager.

This function allows you to create a wireless network link with a partner.

Safety Notes

Attention!

Do not use this feature in environments where highly sensitive devices are placed, such as in hospitals, etc. To avoid any interference, disable this option in your device manager.

Conditions

The partner used can be a wireless **access point**. An access point is a wireless transmitter that communicates with your PC and controls access to the network connection (for example, a home network or a broadband connection such as DSL).

Wireless access points are often found in offices, airports, universities or Internet cafés. They offer access to enterprise services and networks or to the Internet. **Access authorizations** are normally needed. A fee may be required to use a public access point. To set up a wireless network to share Internet access, files, and printers at home, you will need an access point, a router, and a broadband (DSL or cable) modem. Some access points can also serve as a router and/or a broadband modem. Check with your retailer to find the best solution for your needs.

A link to another PC with wireless LAN functionality can also be created **without an access point**. This will allow you to share files, but you will need an access point and a router to share an Internet connection. The wireless network link works according to standard **IEEE 802.11g** and is compatible to the standard **IEEE 802.11b**. Other standards (802.11a etc.) are not supported.

If encrypted transmission is used, this must operate according to the **same principle on all devices**. Encryption is a method of protecting the network from unauthorized access.

The transmission speed (max. 54 Mbp/s) can vary according to distance and other factors. If, for example, the other devices support the 802.11b standard the transmission speed can be max. 11 Mbp/s.

Search for “wireless networking” in Windows Help and Support for more information.

Troubleshooting within the Network

Why does the network environment not show the releases?

The network environment is delayed in time. Check the release by searching for the respective **PC name.**

Why does an error message appear when I click on the network environment?

The **PC name** must be unique on the network and may not be the same as the **task group**.

It appears that the network boards are unable to communicate. What might be the problem?

Maybe one of the used network boards works with a **different speed** (for example, 10 instead 100 Mbit) and your network PC is unable to recognize this. If necessary, set the network driver to the compatible speed.

If two PCs should be linked you require a **cross-link cable**, otherwise use a **patch** cable.

In addition, check the **protocols** and the **configuration**.

The data transmission is incorrect or very slow. What might be the problem?

Maybe you have the wrong cable (UTP / CAT3 or lower) or the problem is the proximity of a power cord or another source of interference.

For further hints on troubleshooting refer to the Windows help under “**Network errors**”.

Parallel Interface

Diagram reference: **N**

You can connect a printer or a device such as a scanner to this 25-pin parallel interface.

The parallel interface supports Standard EPP (Enhanced Parallel Port) and ECP (Extended Capabilities Port).

Modem

Diagram reference: **E**

This chapter is intended for systems equipped with a modem or ISDN port.

The built-in modem is able to receive data according to the ITU standard for V.90 transmissions with up 56 Kbit/s.

Since the power output of modems is restricted due to the regulations of some telecommunication providers, the possible maximum download speed can be restricted. The actual speed may be dependent on the online conditions and other factors.

Data sent from the user to the server are transmitted with 31.2 Kbit/s. Prerequisite for this high speed reception is an analog telephone line compatible with the V.90 standard and a corresponding compatible Internet provider or company-owned host PC.

Software

This section deals with software, differentiating between **BIOS**, **application programs** and **operating systems**.

Getting to Know Windows Vista™

Windows Vista™ offers different options to understand its operation. We will mention only a few of those options here:

Windows Vista™ – Quick Start Guide

This Handbook will give you a brief overview of the operation of your operating system.

The following themes are dealt with in it:

- Initial steps
- Welcome Center
- Innovations
- Help & Support

We recommend this reading for beginners and those switching from other Windows operating systems.

Windows Vista™ – Help and Support

An answer to almost every question can be found in this program.

This help function fully covers the Windows operating system.

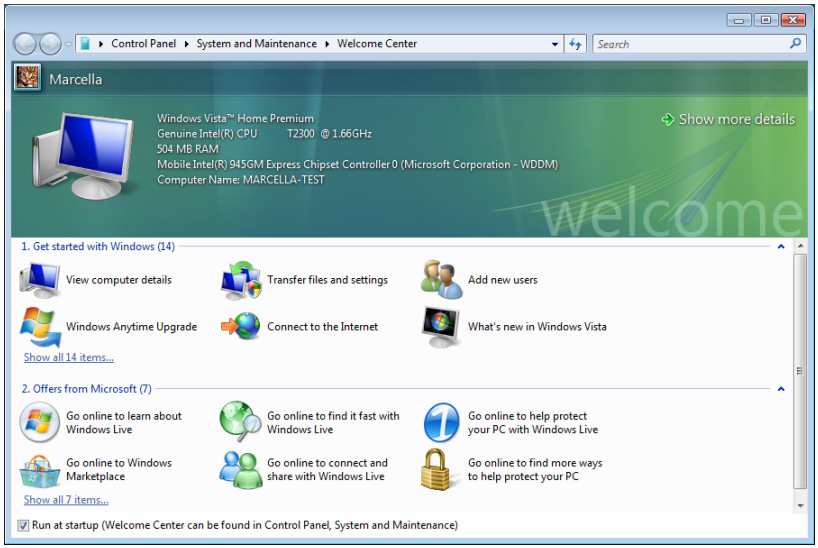
It is helpful for both beginners and experiences users. You can print or bookmark the information, which is categorized into topics.

Start like this:

1. Click on **Start**
2. Now select **Help and Support**

Windows Vista™ – Welcome Center

You will see the Welcome Center at the first display of the Windows Vista™ Desktop. This contains useful links that will make it easier for you to start using Windows.



It is the aim of this feature to enable both beginners and experienced users to make additional settings for optimal use of Windows Vista™ after starting up the PC.

The Welcome Center has been subdivided into many small groups of subjects, so that the user will have the possibility of adjusting content optimally to his or her prefererce. Following are some of the links:

- View computer details - find information about your PC
- Transfer files and settings - use this to transfer data, files, and settings from your old PC
- Add new users - administer and open new user accounts for each PC user
- Windows Anytime Upgrade - carries out upgrades to higher versions of Windows Vista in order to use the expand digital features
- Connect to the Internet - configure your Internet access
- What's new in Windows Vista - learn how the new Windows Vista operating system differs from older versions
- Use of e-mail programs
- And much more!

Use the Welcome Center to understand your PC better and to use it optimally. It will also serve as an additional source of information for recognizing and removing potential problems.

You can display the Welcome Center as follows, if you had closed it after start-up:

1. Click on **Start**
2. Select **Welcome Center** in the program list.

Windows Vista™ – User Account Control

The User account control contributes to the prevention of unauthorized changes to the PC.

A window with the message that '**If you started this action, continue.**' will appear as soon as you carry out an unauthorized change.

- Click **Continue**, in order to continue the procedure.
- Click **Cancel**, in order to end the procedure.

Installation of Software

Note

If your operating system is configured that the installation procedure accepts only signed drivers (default) and software an information screen will appear.

The software included in delivery is **already pre-installed** in the factory.

Attention!

During the installation procedure, important files can be changed or even cancelled. To avoid eventual problems in using older files after installation, make sure to safeguard your hard disc. See page 47 for further information regarding data backup.

How to Install your Software

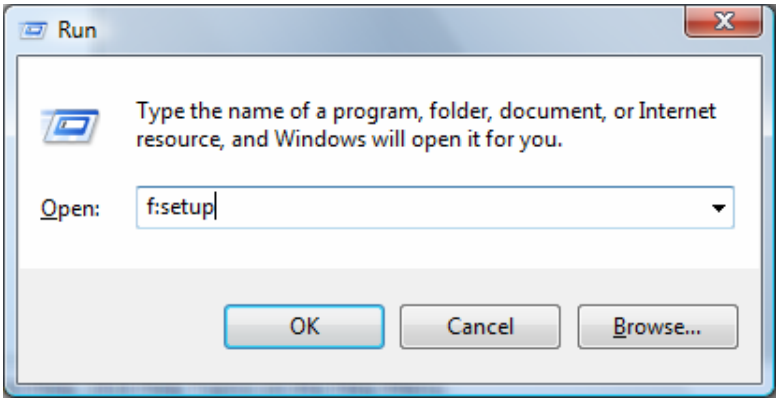
Please follow the instruction of the software vendor. We will describe a typical installation. Once you insert a CD, the installation menu is started automatically.

Note

If the automatic start does not work, it is likely that the so-called **Autorun** function has been deactivated. Read the respective chapter in Windows Help on how to activate this function.

An example for manual installation **without** the autorun function:

1. Click on **Start**
2. Click on ▸ **All Programs**.
3. Open the **Accessories** program point.
4. Select the item **Run**.
5. Now enter the letter of the CD-ROM drive followed by a colon and the program name setup:



6. Click on “**OK**”.
7. Follow the instruction given by the program.

Software Uninstallation

In order to remove installed software from your PC, follow the next steps:

1. Click on **Start** .
2. Click on **Control Panel**.
3. Then select the **Programs** option.
4. Select the respective program, start the uninstallation and follow the instructions on screen.

Windows Activation

Microsoft® is committed to the protection of intellectual property rights and the reduction of software piracy. Therefore, Windows Vista™ contains software-based product activation technology. Your copy of Windows Vista™ has already been **activated for your PC**.

Product activation is needed if some components of your PC have been replaced or you use a non-authorized BIOS. If necessary, you can activate Windows Vista™ as often as requested.

You will probably need to activate Windows Vista™ by telephone even if Internet activation is available. This is due to the pre-activated SLP version which runs with a special Product ID. However, activation requires your unique Product ID which can be found on the **Certificate of Authenticity** sticker on your PC housing. When you call, please inform your agent that you are running an OEM-(SLP) version of the software.

Product Activation on your PC

In few cases it may still be required to activate Windows Vista™. If an activation via the **internet** is acknowledged with an error message you should perform the following steps.

1. Please select the **telephone activation** and click until the related screen appears.
2. Now click on **Change Product Key**. A new window appears. Now enter the product key, located on the Certificate of Authenticity (COA) sticker, found on the back of the PC.
3. Acknowledge your entry and follow the instructions on screen. Notify your Microsoft® consultant, if necessary, that you have an OEM license.

BIOS Setup

In the BIOS set up (your PC's Basic Configuration) you have a number of parameter settings available for your PC. For example, you can change the operating mode of the interfaces, security features or power management.

The PC is factory pre-set to guarantee optimum operation. Please only modify the parameters if this is absolutely essential and if you are familiar with the configuration possibilities.

Execution of the BIOS Setup

You can only execute the configuration program when starting the system. If the PC has already been started exit Windows® and reboot. Prior to rebooting the PC, press the key "**DEL**" and keep it pressed until the message "**Entering Setup**" appears.

Chapter 4

Customer Service & Self Help

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Troubleshooting	53
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Upgrades and Repairs	59

Data and System Security

The programs described below are part of your Windows® operating system. You will find additional information on these programs in the Windows Help file.

Please also read the notes on page 3.

Data Security

Back up data regularly on external media such as a CDs or DVDs. Windows provides both a **Backup Status and Configuration**.

To use these tools, click the **Start** menu, then choose **Accessories**, then choose **System Tools**. You should make a back-up disc with all your passwords and the operating system original configuration.

Maintenance Programs

You can avoid some hardware and software errors with periodic use of two Windows® programs: **Disc Defragmenter** and **Disc Cleanup**. The **System Information** tool can also be helpful. It tells you detailed information about your system configuration. To use these tools, click the Start menu, then choose **Accessories**, then choose **System Tools**.

Password Reset File

To protect individual user accounts from complications resulting from lost passwords, you should create a password reset disc and keep it in a safe place. If you should forget your password, the password can be reset using the password reset disc so that you can regain access to your local user account.

Windows® Help describes how to create a password reset.

System Restore

Windows Vista™ provides a useful function (**System Restore**) enabling the storage of the so-called **Recovery points**.

The system remembers the current configuration as a snapshot and returns to this, if necessary. The advantage is that an unsuccessful installation can be cancelled.

Recovery points are created automatically by the system, but they can also be set manually.

You can determine and configure yourself the maximum memory taken up by this. You can find this program in the program file under **Accessories** ⇨ **System Tools**.

We recommend setting a **recovery point** before installing a new software or driver. If the system no longer runs stable, it will allow you to return to a workable configuration without deleting newly created documents. In the next paragraph read your options for a repair of an incorrect installation.

Correction

Windows Vista™ includes various functions ensuring that the PC as well as the installed applications and devices work correctly.

These functions assist you in solving the problems which might occur by adding, deleting or replacing files required for the functionality of the operating system, the applications and devices. The recovery function or functions you use depend on the type of occurring problem or error. For detailed information refer to the Windows® Help.

Windows® Update

Windows® Update is the online updating of Windows®. Use Windows® Update to download elements such as security updates, important updates, the newest help files, drivers and Internet products from the Internet.

The website is regularly augmented by new content, so that you can download the newest updates and error corrections at any time, to protect the PC and guarantee its functioning.

Windows® Update will search through the PC and provide a list of individual updates especially for the configuration of your PC.

Each update that Microsoft® regards as important for the operation of the operating system, programs or hardware components will be classified as an “important update” and automatically selected for installation for you.

Important updates will be provided to remove known problems and to protect the PC against known security risks.

Carry out four simple steps, to download the updates needed and to keep your PC on the current status of technology:

1. Click on **Start**
2. Click on ▸ **All Programs**
3. Open **Windows Update**
4. Click on **Check for update**
5. Click on **Add** to select the desired update and to add it to the updates to be installed, while you are searching through the available updates in each category. You can also read a complete description of each individual element by clicking on the **Read Further** link.
6. Click on **Check and install updates** when you have selected all the desired updates, then click **Install now**.

Windows® Update Information for Data Security

Windows® Update needs certain information about the respective PC, so that a suitable list with updates can be provided to you. This information will include the following:

- version number of the operating system
- version number of Internet Explorer
- version numbers of additional software programs
- Plug & Play identification key of the hardware devices

Windows® Update will stand up for the protection of your private data and will not record your name, address, email address or other forms of personal data. The information collected will only be used during the time that you are visiting the web-site. It will also not be stored.

The update can only be executed via the Internet. Make sure that you are online when downloading updates.

System Restore powered by Symantec

If your system is not functioning properly and Windows Vista™ **System Restore** did not solve the problem, then you should use the Application Support Disc to restore your system.

Limits of the Recovery

- Changes made to the original configuration (RAS, Desktop or Internet settings) and installed Software will be ignored by this Recovery and will not be reloaded.
- Driver Updates or hardware installed by you will be ignored by this Recovery.

Beware!

All data on drive C will be erased. If necessary, backup all required data on drive D. (Pay **careful** attention to the notes on page 3 and page 47).

This recovery will reset your system to its condition at delivery. Printer installations or other additional software must be reinstalled.

Carrying out a Restore

1. First, please read the entire **Restore** section of the Windows® Help file.
2. Insert the Support CD and reboot the PC.
3. Select the option, **Boot from CD-ROM**.
4. Follow the on screen instructions.

The PC restarts to its original factory settings.

FAQ – Frequently Asked Questions

When do I have to activate Windows®?

Your software has been preactivated in the factory. An activation will only be required if ...

... several components are replaced by others.

... a new motherboard is installed.

... a different BIOS version has been installed.

... software is installed into another PC.

What is the Windows® activation?

Your operating instructions include a chapter about this subject.

How do I perform a data backup?

Make a backup and another backup of selected data to an external medium (CD-R, for example), to familiarize yourself with the technique.

A backup is unsuitable if you are not able to recover the data, the medium (CD-R, CD-RW) is defective or no longer available.

Do I still have to install the enclosed CDs/DVDs?

No. All programs are preinstalled. The discs are only intended as backup copies.

When is the recovery of the factory setting recommended?

This method should be chosen as the last resort. Read chapter "**System Restore**" on page 48 concerning the alternative possibilities.

Why is the boot partition missing when booting from the support / application CD?

The first partition is formatted with the file system NTFS. Compared to FAT32, this file system offers more security and a more efficient access. However, NTFS partitions can only be read from operating systems supporting this. This is not the case in the support / application CD.

Customer Service

Troubleshooting

In most cases, errors are due to simple causes with easy solutions. In some cases, however, it is due to faulty equipment. If you are experiencing a problem with this PC, read this section to look for possible solutions to common problems. Should you require further assistance, please feel free to contact MEDION Customer Care.

Check Cables and Connections

Visibly check all cables and connections. If all LEDs are off, check to see if any of the power cords are disconnected from the AC outlet.

- Check all power connections for all devices and all power switches. Don't forget to check the main power switch on the back of your PC.
- If you are still experiencing problems, shut down Windows Vista™ and turn off the PC. Recheck all cable connections including the peripherals. Do not exchange cables, even though they may look similar. The polarity may differ among cables.
- When it is confirmed that the PC and all devices have power and that all connections are correct, restart your PC.

Frequent use of the programs **Disc Defragmenter** and **Disc Cleanup** will help you avoid problems with your operating system.

The tool "**System Information**", available in the program folder "**System Tools**", is also very useful.

Common Problems and Solutions

The monitor is blank.

- Confirm that the system is not in Stand-by mode by pressing any key on the keyboard. Wait and see if the PC wakes up.

Wrong Date and Time:

- Double-click the clock on the taskbar and correct the date and time.

After a system restart a new drive letter is assigned to the cards in the card slots.

- This can happen, when the card reader re-initializes the slots during a system start. New IDs might be assigned, which can lead to new drive letters for some cards.

No data can be accessed from the optical drive.

- Check whether the disc is inserted correctly.
- Is the optical drive displayed in Windows® Explorer? If so, insert another disc to test.

The mouse does not work.

- Check the cable.

Not enough space on the hard disc drive.

- Audio or video recordings need a great deal of memory (between 1 and 2 GB/hour). Safeguard files that you do not need on external media, such as DVD/CD-Rs or hard drives.

The PC does not start up.

- If all cable connections are correct, then try to reset the power supply of the PC. Set the power switch at the rear of the PC to position “O” (OFF). Then press the switch at the front of the PC for 10 seconds. Wait 5 more seconds and then restart the PC.

Additional Support

If the suggestions in the above section have not solved your problem, please contact the MEDION Customer Care and we will attempt to help you solve the problem. Before you contact the support center, however, please have the following information available:

- How is your PC configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already taken to solve the problem?
- Have you upgraded or removed drivers or hardware?
- Can you manually repeat the problem?
- If you have been given a customer number previously, please provide this.

Driver Support

This PC has been extensively tested in our laboratories with a large number of compatible devices. It fulfils all required standards and complies with the standard “Designed for Windows®”, which certifies compatibility.

However, often the software drivers for individual components are updated from time to time. This is a regular process provided by the manufacture to mend possible compatibility problems that may occur with components (for example, programs or hardware) that were not tested at the time of your PC’s production. Driver updates and the latest information on your product are available on the Internet.

Visit Medion on the Web at **www.medionusa.com**

Transporting the PC

Please observe the following guidelines when transporting the PC:

- To avoid damage during transport, repack the PC in its original packaging.
- Wait until the PC has reached ambient (room) temperature before connecting it to the AC outlet. Extreme variations in temperature and humidity can create condensation within the PC and might cause it to short-circuit.

Cleaning and Care

The lifetime of the PC can be extended by taking the following measures:

Warning!

There are **no user-serviceable** or user-cleanable parts inside the PC case.

- Before cleaning, always turn off the PC and remove the power plug and all connecting cables. Clean the PC with a damp, lint-free cloth.
- Dust can close the fan openings, which can lead to overheating and incorrect functions. Make sure that the fan openings guarantee an adequate air circulation at regular intervals (approx. every 3 months). Use a vacuum cleaner to release the fan openings from dust. We also recommend cleaning inside the PC housing by a specialist, if your device regularly attracts dust.
- Do not use any solvents, corrosive or gaseous cleaning agents.
- Do not use CD-ROM cleaning discs or similar products that clean the lens of the laser to clean any of your optical drive.

Recycling and Disposal

Device

At the end of its life, the PC can be recycled or its materials reused - assuming the PC has not been abused. The PC and its packaging were produced mostly from environmentally-friendly materials that can be safely disposed of and professionally recycled.

Batteries

Batteries should not be disposed of in household trash! Return used batteries to the manufacturer, dealer, or local recycling center for proper disposal.

If you have any questions concerning proper disposal of the PC, batteries, or packaging, please contact your dealer.

Battery Treatment

Caution!

Lithium batteries can not handle intense pressure, high temperatures or fire. Danger of explosion if replaced incorrectly. Replace batteries with a compatible type as recommended by the manufacturer.
Lithium batteries are hazardous waste and require proper disposal. Contact MEDION Customer Care for additional information on proper battery disposal.

Batteries may contain combustible materials. By misuse, this may cause battery **leakage**, **heat**, **explosion** or **ignition**, bringing about personal **injury** or **damage** to the PC.

Please strictly observe the following matters:

- Keep children away from batteries.
  If by any chance the batteries are swallowed, consult a doctor immediately.
- Do not charge batteries (except rechargeable batteries).
- Do not forcibly discharge batteries.
- Do not short-circuit batteries.
- Do not heat or dispose of batteries in a fire.
- Do not disassemble or deform batteries.
  Your hands and fingers may be injured, or the liquid of the battery may get into your eyes or adhere to your skin. If this happens, rinse with a large quantity of water immediately and consult a doctor.

- Do not expose batteries to strong impact by dropping or throwing.
- Do not reverse the positive (+) and negative (-) terminals to avoid short-circuit.
- Do not mix used and new or different types of batteries together.
  Your equipment may not operate properly. In addition, the battery exhausted first may be excessively drained (over-discharged).
- Remove promptly the used batteries from the device.
- Replace all batteries with new batteries of the same type at the same time.
- Insulate the terminal parts with tape or similar at the storage or disposal of the batteries.
- Check that the contacts in the device and on the batteries are clean and clean them if necessary, before inserting the batteries.
- Batteries should not be disposed of in household trash! Return used batteries to the manufacturer, dealer, or local recycling center for proper disposal. Thank you!

Upgrades and Repairs

- Only a qualified engineer should perform upgrades and repairs to your PC.

Notes on Laser Radiation:

- Laser devices of Laser Class 1 to Laser Class 3b may be used in the PC. Where the PC housing remains closed, the device meets the requirements of Laser Class 1.
- By opening the PC housing you will gain access to laser devices of up to Laser Class 3b.

When removing and/or opening laser devices, the following guidelines must be observed:

- The CD-ROM-/CDRW-/DVD-drives installed contain no user-serviceable parts.
- Only the manufacturer should perform repairs to the CD-ROM-/CDRW-/DVD-drives.
- Do not look into the laser beam, even while wearing optical protection.
- Do not allow yourself to be exposed to the laser beam. Avoid exposure of the eyes or skin to direct or stray radiation.

Chapter 5

Appendix

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Standards

This PC meets the requirements of the following standards:

Electromagnetic Compatibility

This PC meets the following requirements for standards of electromagnetic compatibility and electrical safety:

EN 55022	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.
EN 55024	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2	Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase).
EN 61000-3-3	Limits - Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with a rated current up to 16 A.

Electrical Safety

Electrical safety requirements according to the following standards:

EN 60950-1	Safety of information technology equipment.

Ergonomics

Ergonomic requirements according to the following standards:

DIN EN ISO	Ergonomic requirements for office work with display devices:
9241-3	**Part 3**: Requirements for visual displays
9241-4	**Part 4**: Requirements for keyboards
9241-8	**Part 8**: Requirements for color representation
9241-9	**Part 9**: Input devices except keyboards

Noise Emission

Requirements for noise emission according to the measurement procedure in accordance with the following standard:

ISO 7779 (ISO 9296)	Acoustics. Measurement of airborne noise emitted by information technology and telecommunications equipment.

This PC fulfils the requirements of noise emissions according to ISO 7779 with following values:

Operating Mode	**Max. Sound power level L_{WAd} (B/A) (declared according to ISO 9296)**
Idling	4.8
Operating	5.2
	Max. Sound pressure level L_{pAm} (dB/A) (declared according to ISO 9296)
At bystander position Idling	40
St bystander position Operating	47

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

MEDION Limited Warranty

PLEASE READ THIS LIMITED WARRANTY CAREFULLY TO UNDERSTAND YOUR RIGHTS AND OBLIGATIONS.

MEDION warrants that the **MD 8825 Multimedia PC item #2147** accompanied by this limited warranty is free from manufacturing defects in material or workmanship for a period of 24 months from the date of original purchase. This warranty only applies to the original purchaser of the product. The limited warranty period also applies to any implied warranties that may exist under applicable law. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This limited warranty does not apply to products that have been opened, repaired (except by MEDION or its authorized Service representatives), or otherwise altered. This limited warranty does also not apply to defects resulting from misuse, abuse, accident, neglect, improper maintenance or handling.

If you believe the product is defective please return it to MEDION in the manner described below within the limited warranty period. If MEDION determines a defect covered by this limited warranty, MEDION will, at its Option, repair or replace the product. This limited warranty extends to repaired products and replacement products only through the end of the original limited warranty period.

In no event shall MEDION or any of its distributors or resellers be liable for incidental, indirect or consequential damages relating to the product (including any repaired product or replacement product) or its use. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may have other rights which vary from State to State.

To make a claim under this limited warranty you must first contact MEDION Customer Care using one of the options below to obtain a return merchandise authorization (RMA) number. Once you have received the RMA, please return the product as instructed by the RMA. This warranty does not apply to any products returned to MEDION without a RMA.

To obtain a RMA please contact MEDION Toll Free Customer Care at:

www.medionusa.com

or

1-866-633-4660

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